

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	866	546/229.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/13 10:19
L3	44590	reverse same hplc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/13 10:19
L5	8784	fentanyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/13 10:20
L8	2	phenethylpiperaniline	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/13 10:20
L9	703128	impurity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/13 10:21
L12	704450	impurit\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/13 10:21
L13	7	I1 and I3 and I5 and I12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/13 10:21
S1	267	reverse adj hplc	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 18:00
S2	43	reversed adj hplc	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 18:01
S3	310	S1 or S2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 18:01

S4	5829	fentanyl	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 18:01
S5	6	S3 and S4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 18:01
S6	115	"5475120"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 18:56
S7	0	EP0228452	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 19:26
S8	5658462	EP "0228452"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 19:26
S9	21817	"I2" and manufacture	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 19:43
S10	43	reversed adj hplc	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 19:44
S11	17	S10 and manufacture	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 19:44
S12	8	S10 and large adj scale	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 19:44
S13	35	S10 and process	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 19:44
S14	41	S11 or S12 or S13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 19:44
S15	0	S14 and fentanyl	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 19:45
S16	1	S14 and narcotic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/02 19:45

S17	8	"4317903"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/03 08:54
S18	0	"49165142"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/03 08:57
S19	17	"4916142"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/03 08:57
S20	9	"4317903"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/07/12 09:54
S25	0	fentanyl same phenethylpiperamine	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/07/12 10:31
S26	2	fentanyl same phenethylpiperaniline	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/07/12 10:31
S27	2	phenethylpiperaniline	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/07/12 10:32
S28	321	reverse adj hplc	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 10:35
S29	278	S28 and (manufacture or process)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 10:35
S30	13161	(large adj scale) same purifi\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 10:36
S31	12	S29 and S30	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 10:37
S32	12	S29 and S30	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 10:37
S33	62768	high adj performance adj liquid adj chromatography	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 10:39

S34	8418084	manufacture or process or purification	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 10:39
S35	258403	large adj scale	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 10:39
S36	9202	S33 and S34 and S35	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 10:40
S37	741	silanized adj silica	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 10:40
S38	11	S36 and S37	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 10:40
S39	0	1-phenethyl-N-phenylpiperidin-4-amine	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 11:42
S40	0	phenethyl adj phenylpiperidin adj amine	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 11:43
S41	0	phenethyl adj (phenylpiperidin adj amine)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 11:43
S42	0	phenethyl adj phenylpiperidine	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 11:44
S43	10	phenylpiperidin\$4amine	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 11:45
S44	0	S43 and fentanyl	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 11:45
S45	210	fentanyl same process	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 11:45
S46	502504	purification	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 11:46

S47	26	S45 and S46	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 11:46
S48	210	fentanyl same process	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 13:09
S49	502504	purification	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 13:09
S50	26	S48 and S49	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 13:09
S51	18	S50 and hplc	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/07 13:09
S52	13	("4234684", "4293489", "4336333", "4904590" "5780589").pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/23 14:33
S53	4	S52 and hplc	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/23 14:33
S54	335	reverse adj hplc	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/23 14:58
S55	1371819	S54 and large scale	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/23 14:58
S56	44	S54 and (large adj scale)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/23 14:58
S57	13	("4234684", "4293489", "4336333", "4904590" "5780589").pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/24 13:42

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	420	546/229.ccls.	USPAT; UPAD	OR	ON	2010/03/13 10:19
L4	20056	reverse same hplc	USPAT; UPAD	OR	ON	2010/03/13 10:19
L6	2555	fentanyl	USPAT; UPAD	OR	ON	2010/03/13 10:20
L7	0	phenethylpiperaniline	USPAT; UPAD	OR	ON	2010/03/13 10:20

L10	224136	impurity	USPAT; UPAD	OR	ON	2010/03/13 10:21
L11	224188	impurit\$5	USPAT; UPAD	OR	ON	2010/03/13 10:21
L14	:2	:l2 and l4 and l6 and l11	USPAT; UPAD	OR	ON	2010/03/13 10:22

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